

To: William Simon[wsimon@frontier.net]
Cc: Peter Butler[butlerpeter2@gmail.com]; Steve Fearn[fearneng@rmi.net]; Larry Perino[larry.perino@kinross.com]; Buck Skillen[fpope@bresnan.net]; Ray Miller[Personal Email/Ex. 6 Wall, Dan[wall.dan@epa.gov]; Barb Horn[barb.horn@state.co.us]; Brent Lewis[b1lewis@blm.gov]
From: Richardson, Lisa
Sent: Mon 2/23/2015 6:28:42 PM
Subject: Re: Comparing Howardsville and A68

That is interesting. Peter mentioned the same event in a previous email.

On Mon, Feb 23, 2015 at 11:19 AM, William Simon <wsimon@frontier.net> wrote:

Although the problem period really is in March & April there is a lot of loading going on in later months of the year that is coming from upstream of the Howardsville gauge, mostly as high flow runoff events but the highest was 10/2/14; Interesting. That must have been a rain event?

Bill

From: Peter Butler [mailto:butlerpeter2@gmail.com]
Sent: Sunday, February 22, 2015 7:26 PM
To: Bill Simon; Steve Fearn; Larry Perino; Lisa Richardson; Buck Skillen; Ray Miller; Dan Wall; Barb Horn; Brent Lewis
Subject: Comparing Howardsville and A68

Hi Folks – Attached is a spreadsheet comparing concentrations and loads at the Howardville Gage to A68 for zinc, cadmium, and manganese for 2014. I haven't yet received data for Nov. and Dec. Shows some interesting changes throughout the year.

I used estimated flows by USGS at A68 when it was affected by ice. The Colo. Div. of Water Resources doesn't indicate if the Howardsville gage is ice affected. A word of warning, I first checked A68 through the Colorado Div. of Water Resources which is linked to the USGS website. However, that data appeared to be old, provisional data. I went directly to the USGS website and got somewhat different, and I think more up to date data. So check USGS directly for their gage data.

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